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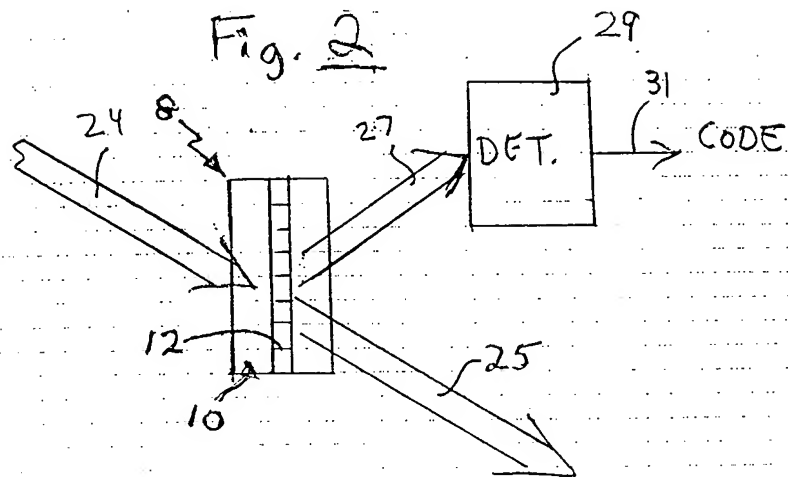
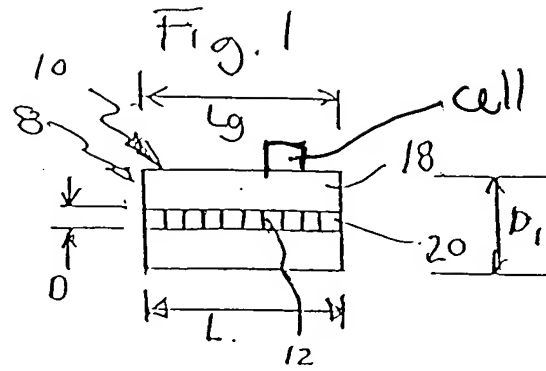


Fig. 3

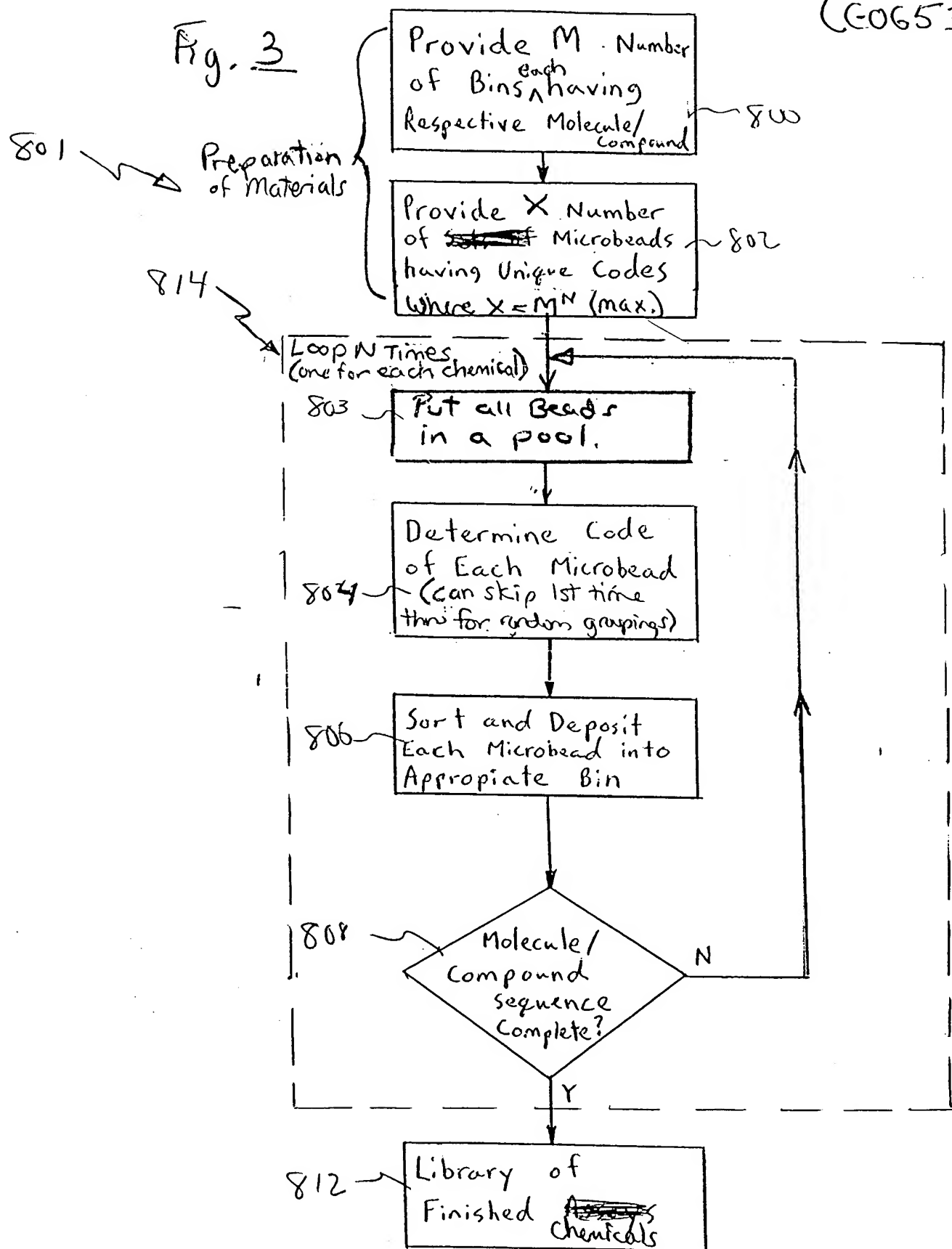
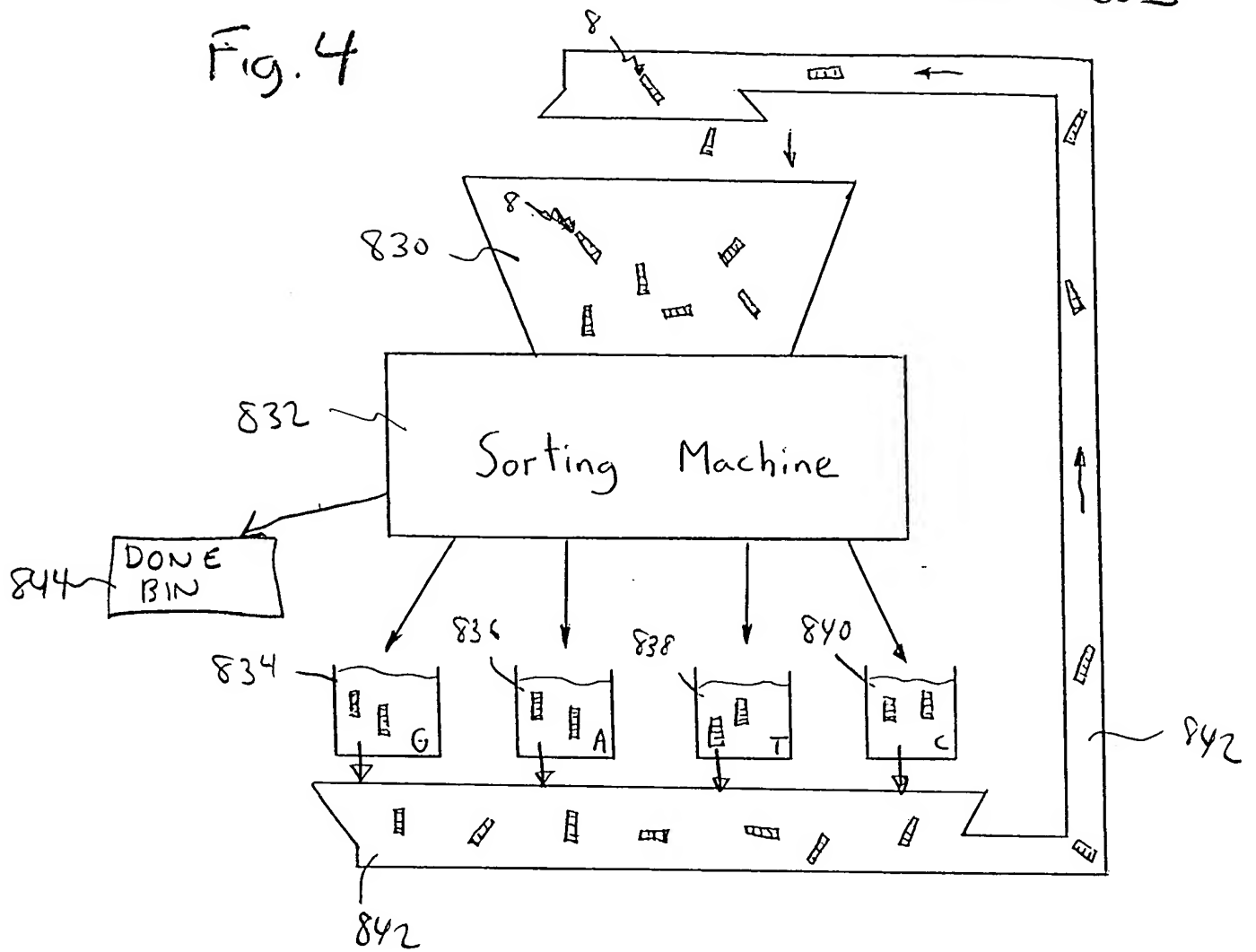


Fig. 4



CC- 0653

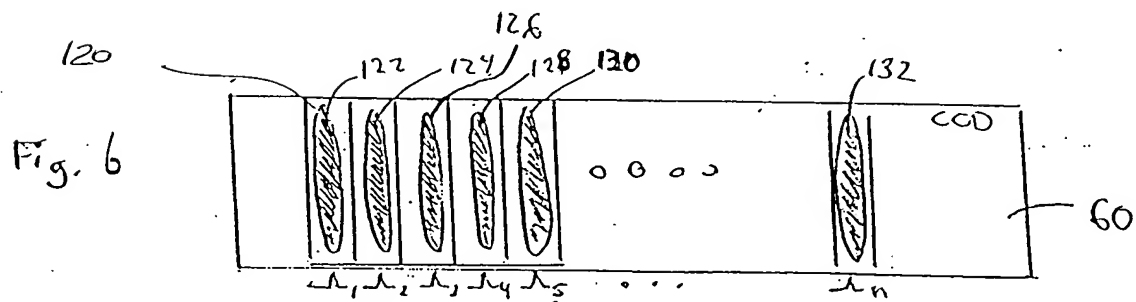


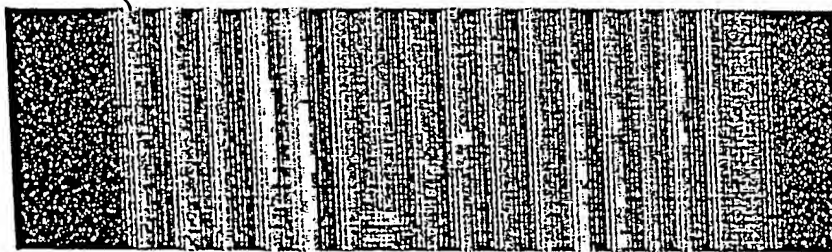
Fig. 7

Graph showing the variation of magnetic field (M) versus gating space (X). The vertical axis is labeled M and the horizontal axis is labeled X (Gating Space). The graph shows a series of vertical lines representing the magnetic field at discrete points. The first line is labeled 68. The points on the horizontal axis are labeled $x_1, x_2, x_3, x_4, x_5, \dots, x_n$. The magnetic field values are constant at 68 for x_1, x_2, x_3, x_4, x_5 and at 70 for x_n . There are gaps between x_5 and x_n where the field is zero, indicated by '0 0 0' and '0 0' on the horizontal axis.

Fig. 8

cc-0653

89 17 bits turned on



Bits: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

(a)

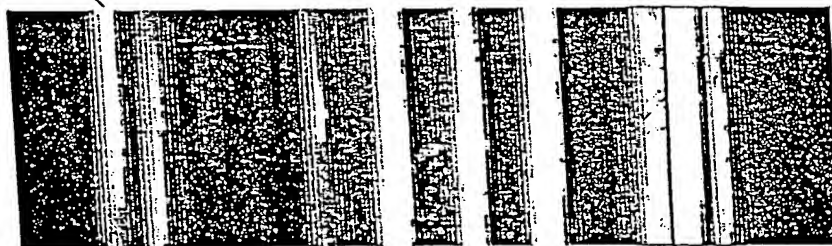
89 7 bits turned on



Bits: 1 0 1 1 0 0 1 0 0 0 1 0 0 1 0 0 1

(b)

89 9 bits turned on



Bits: 1 1 0 0 0 1 0 1 0 1 0 1 0 0 1 1 1

(c)

Fig. 9

CC-0653

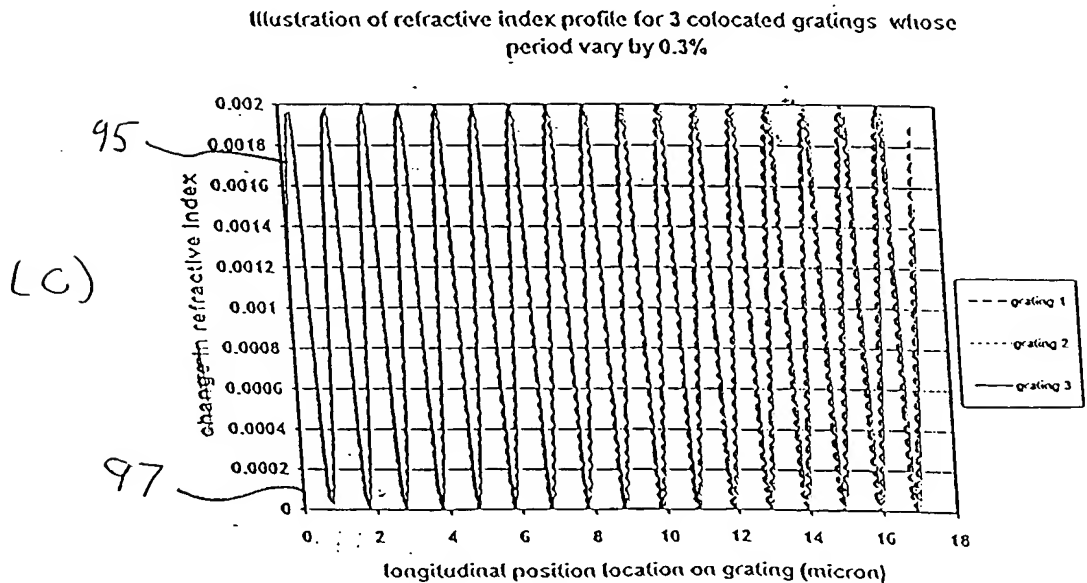
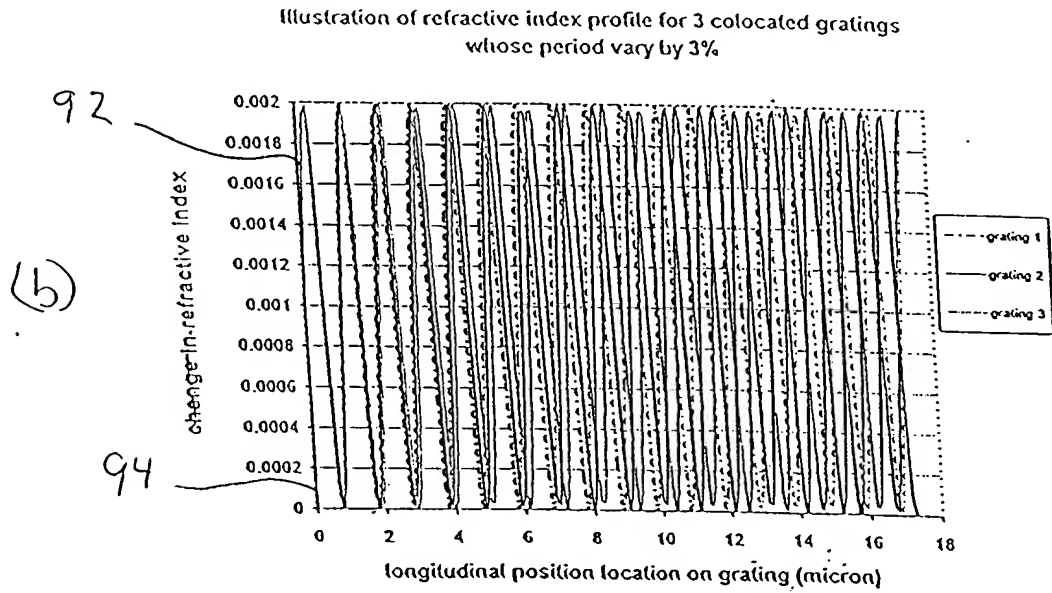
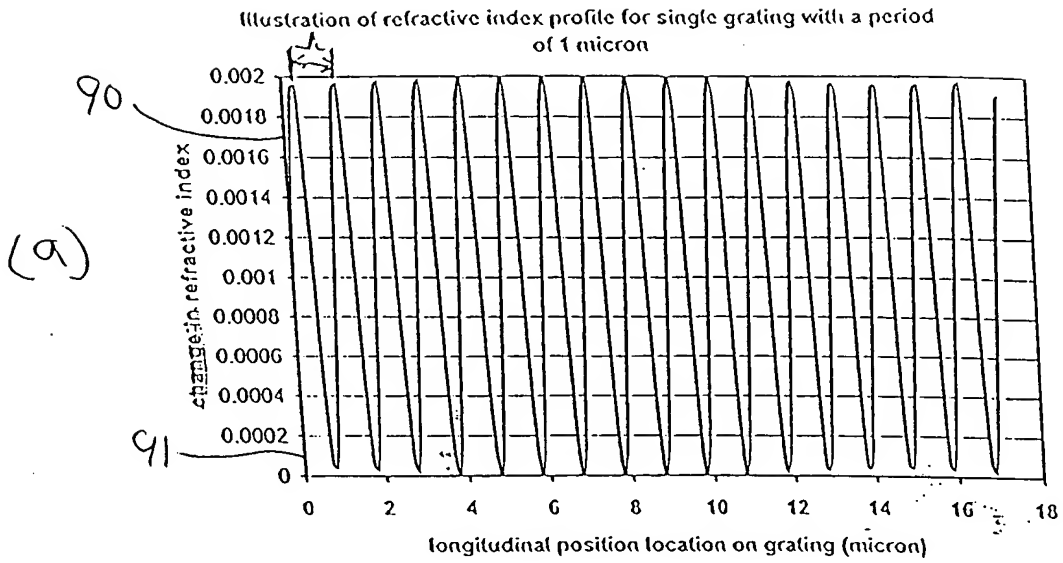


Fig. 9

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(d)

Index modulation caused by superposition of 3 gratings where the pitch between each grating varies by 3%.

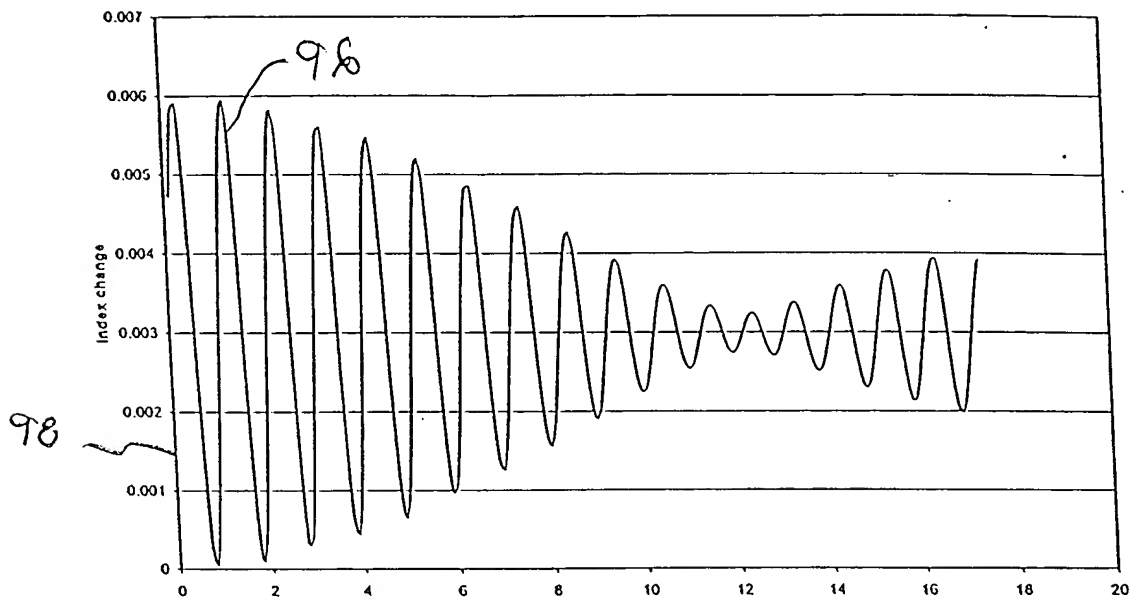


Fig. 10

cc-0653

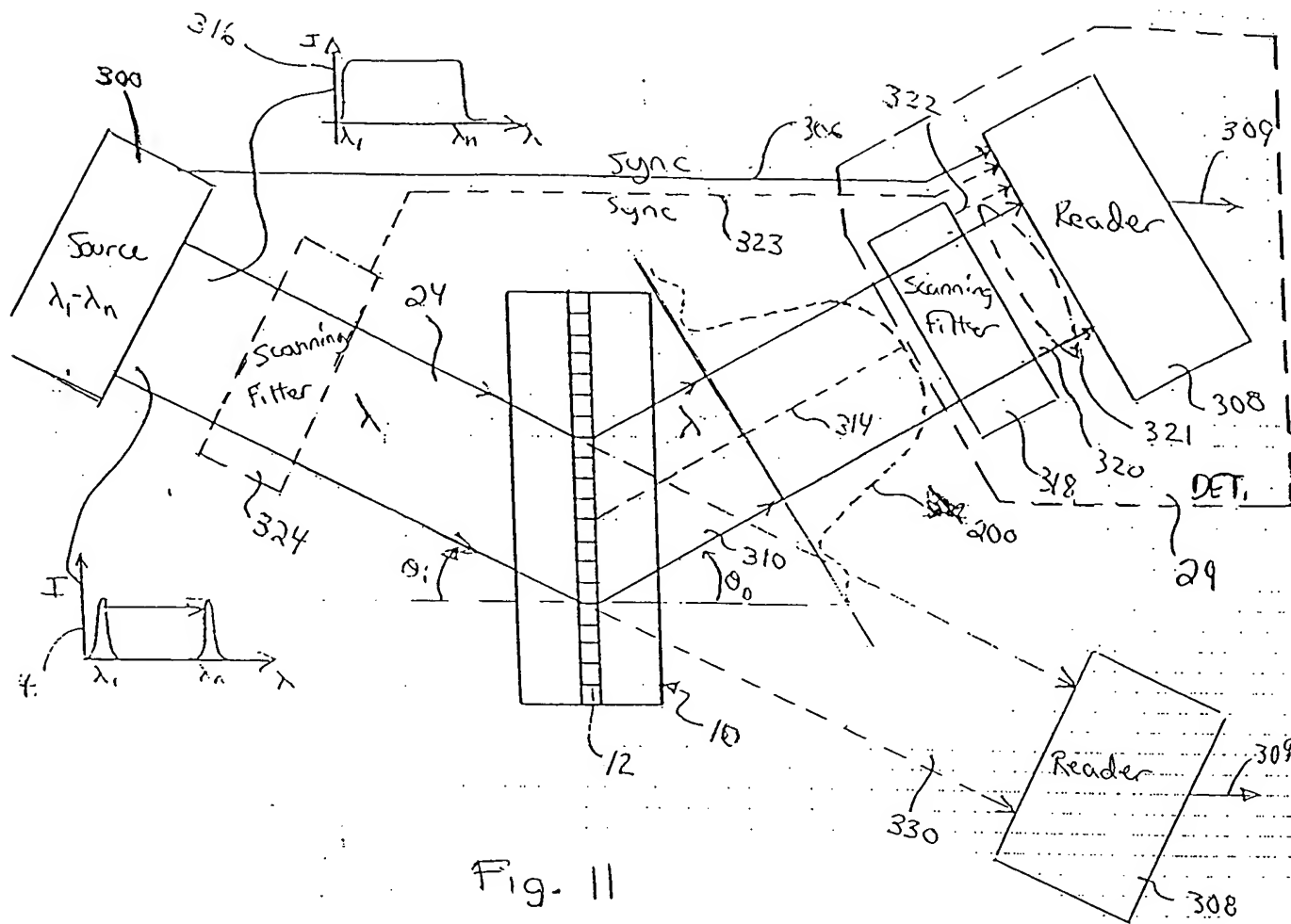


Fig. 11

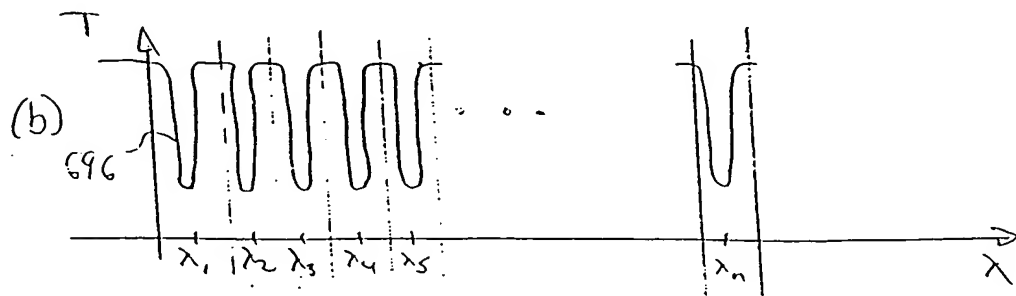
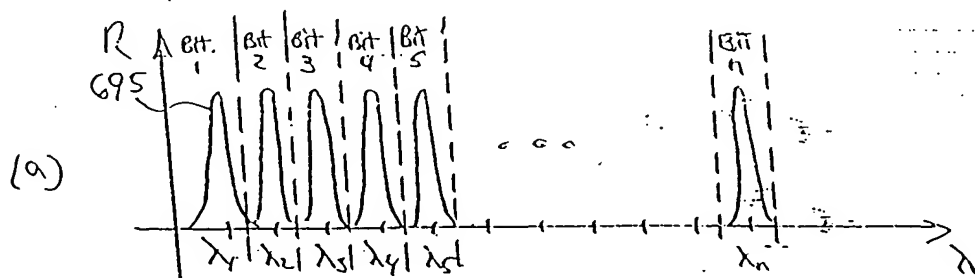
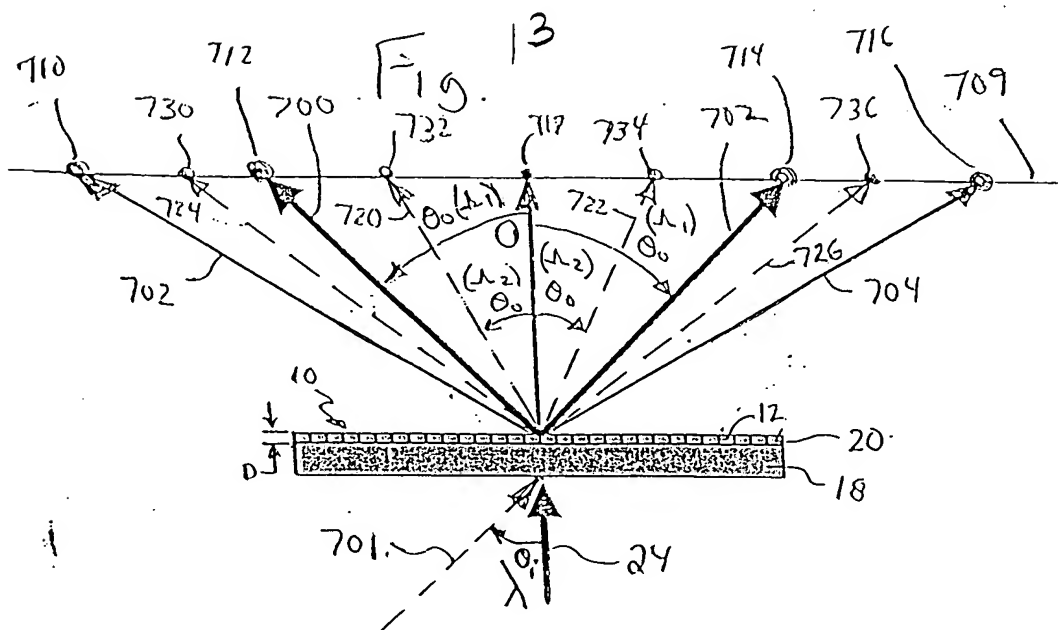
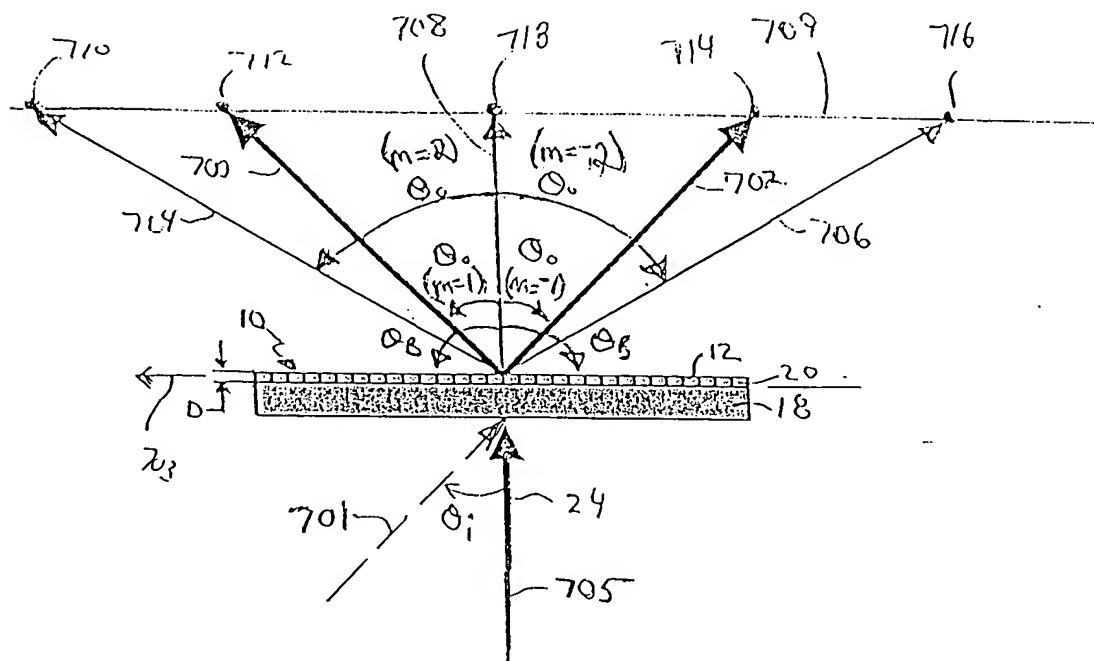


Fig. 12

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CC-0653

Fig. 14

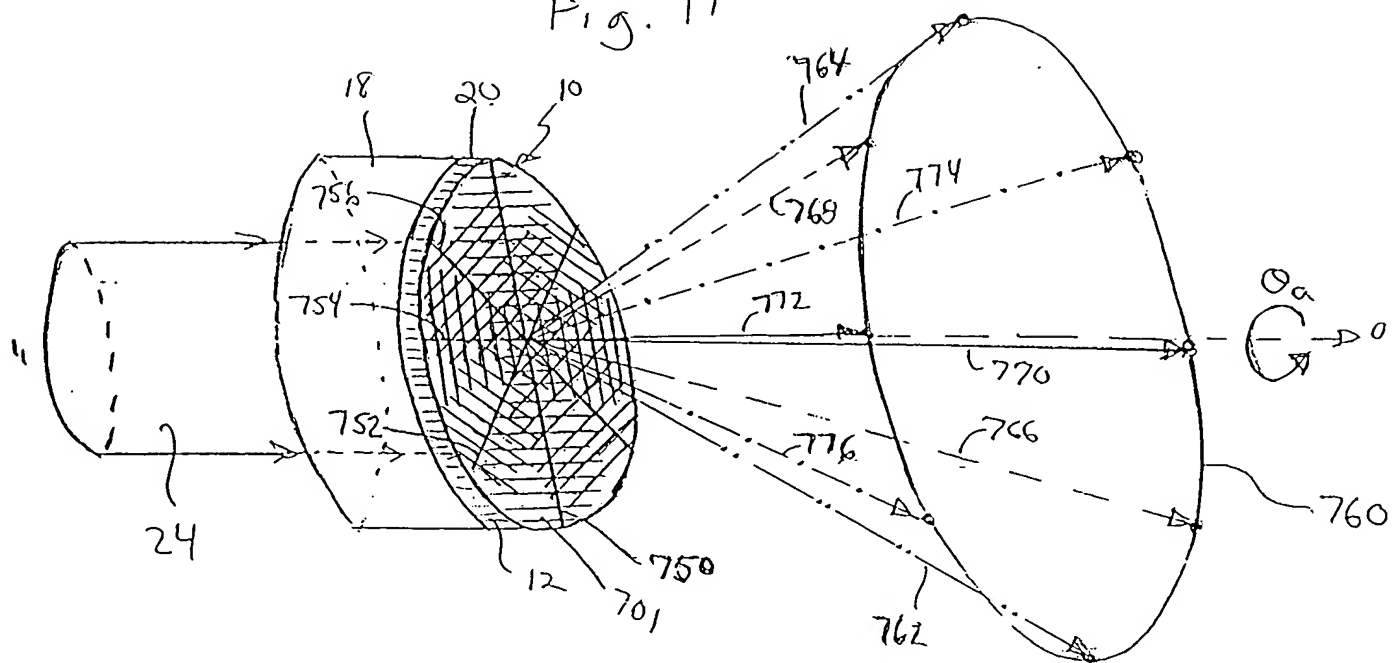


Fig. 15

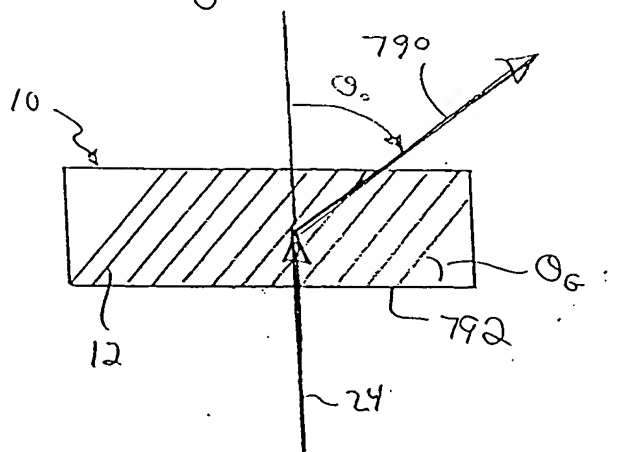


Fig. 16

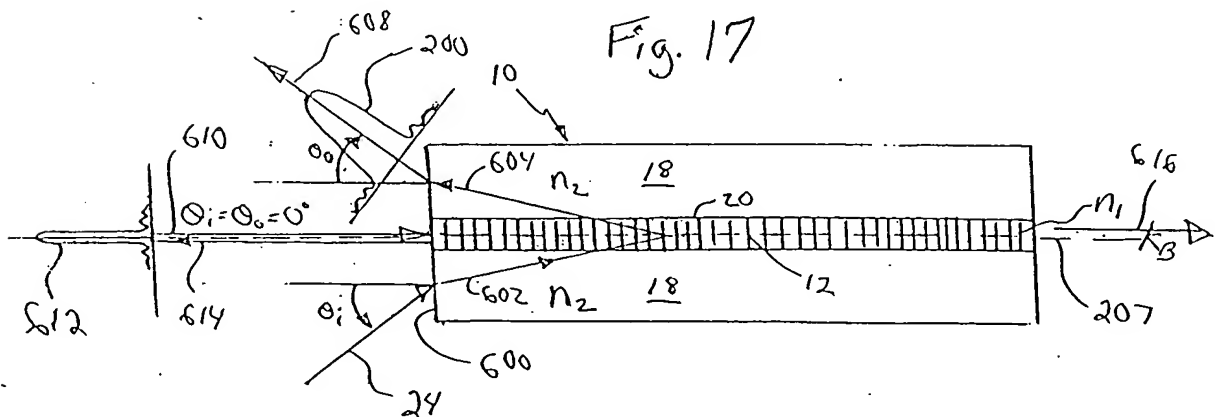
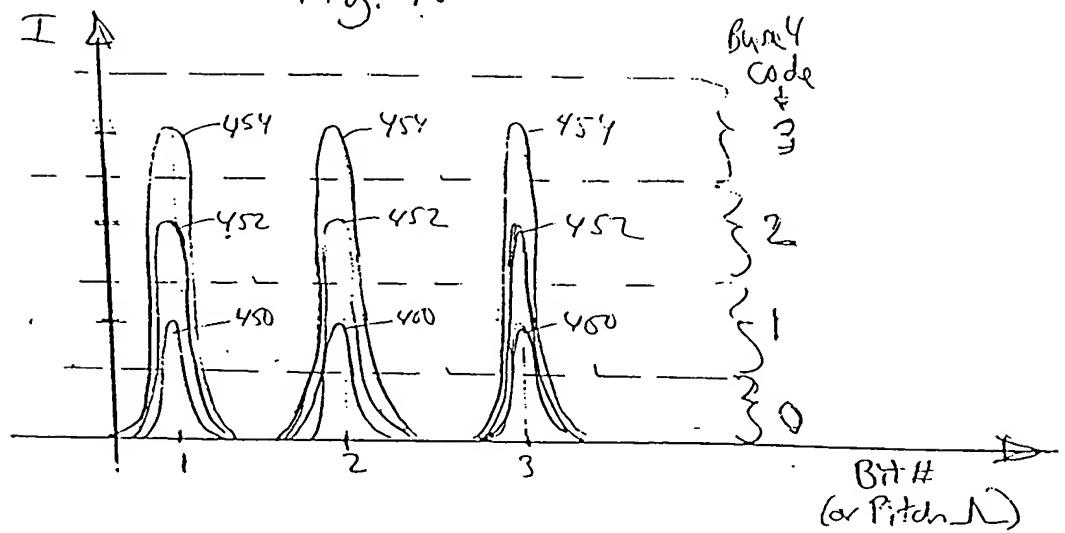
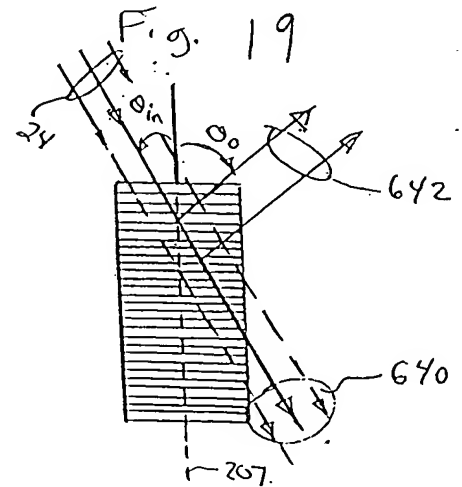
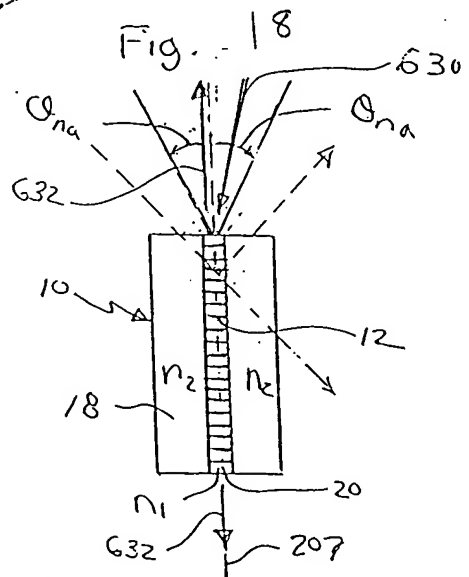
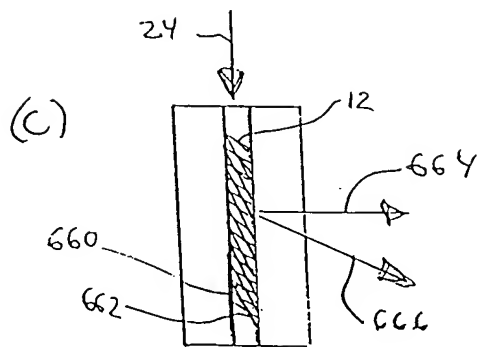
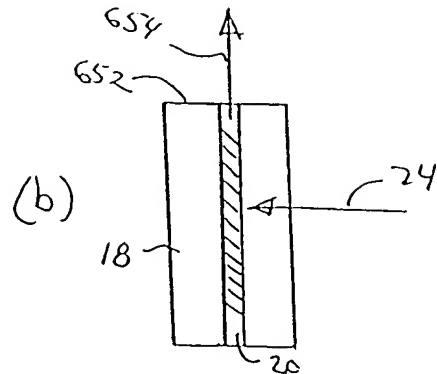
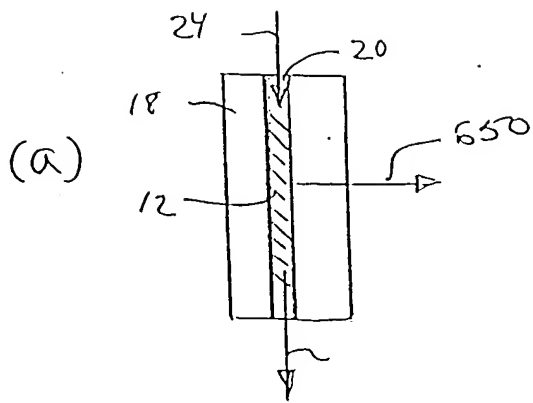
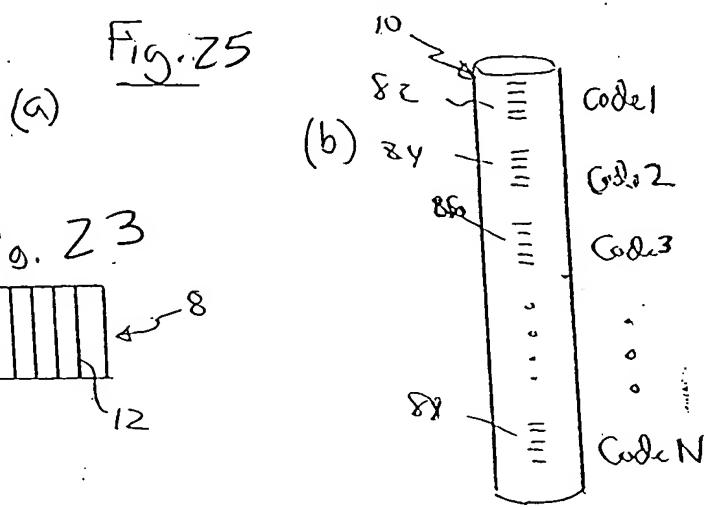
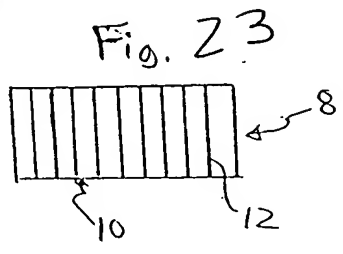
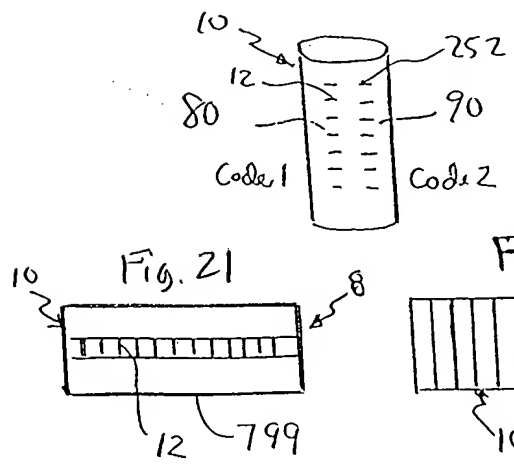
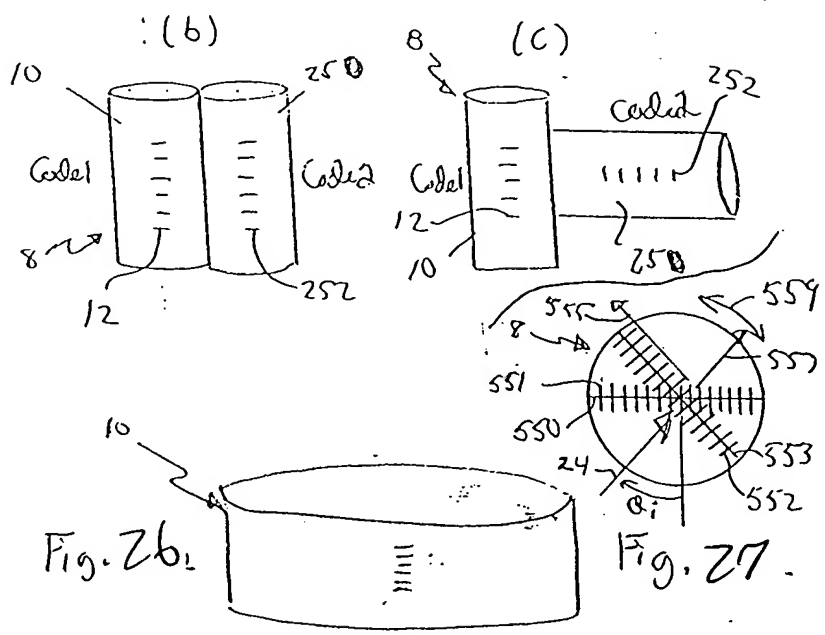
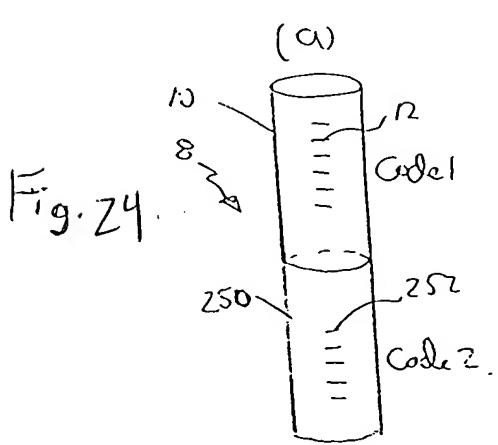
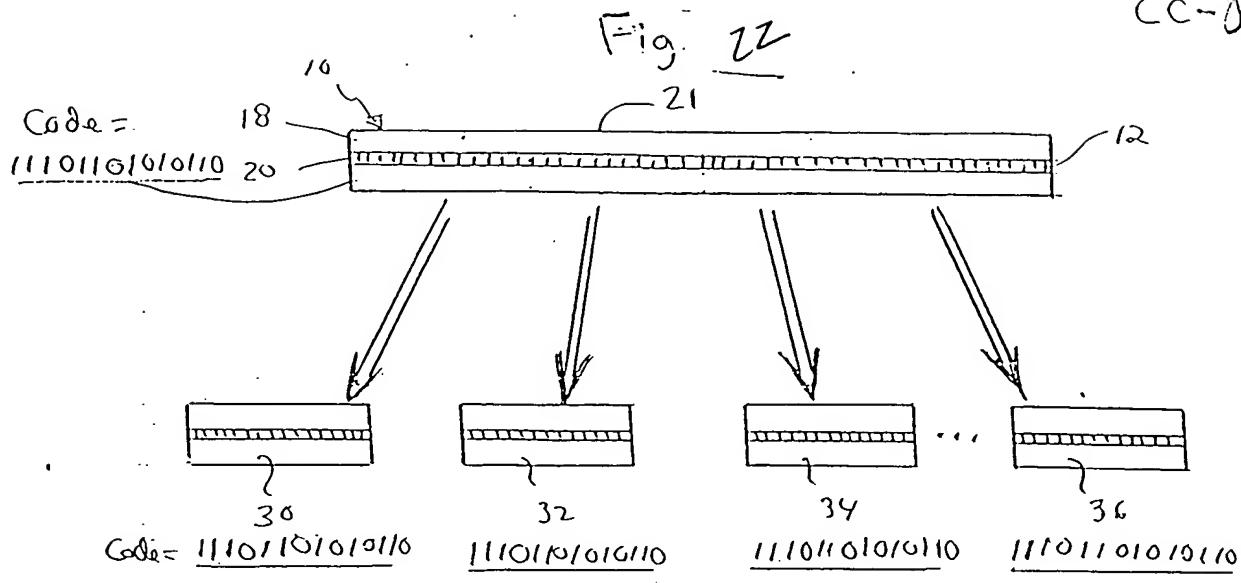


Fig. 20

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Fig. 28

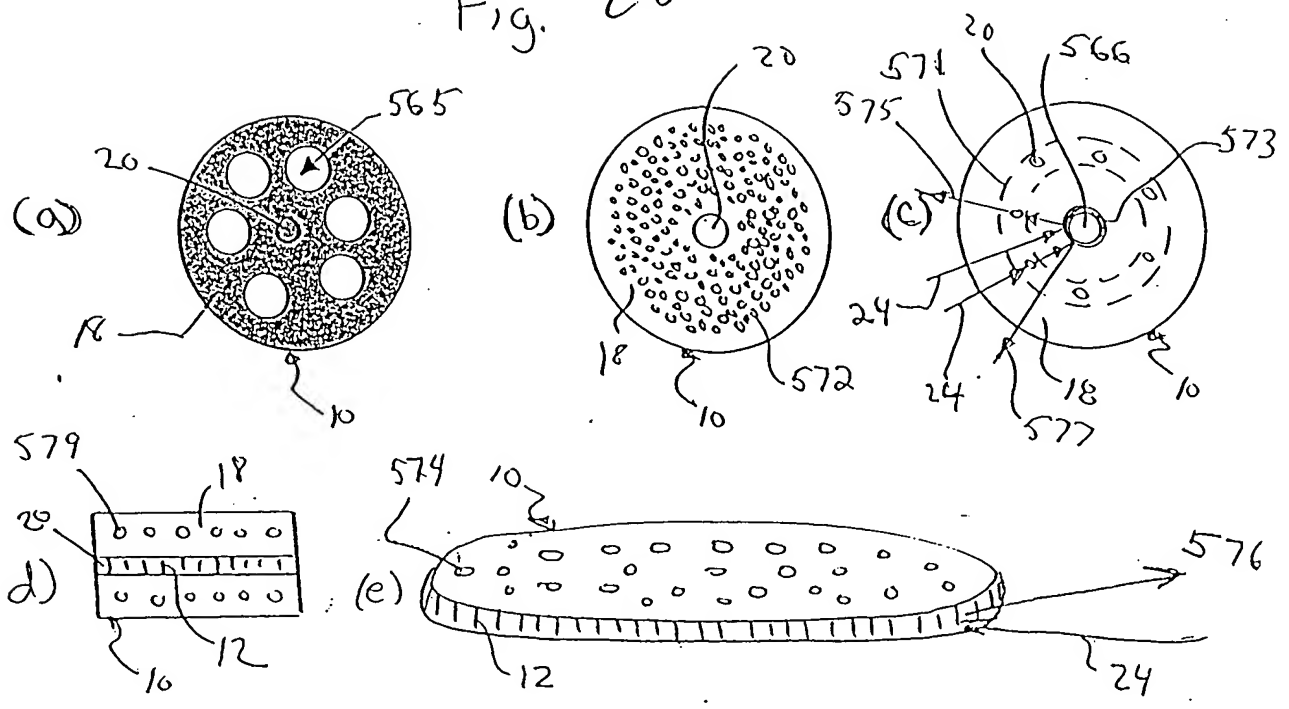


Fig. 29

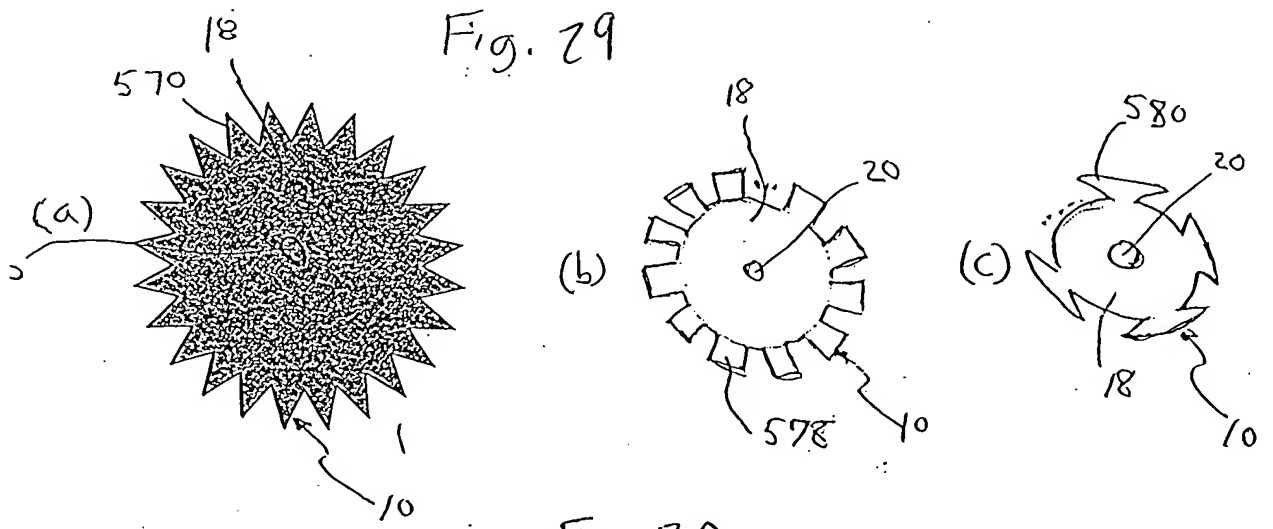
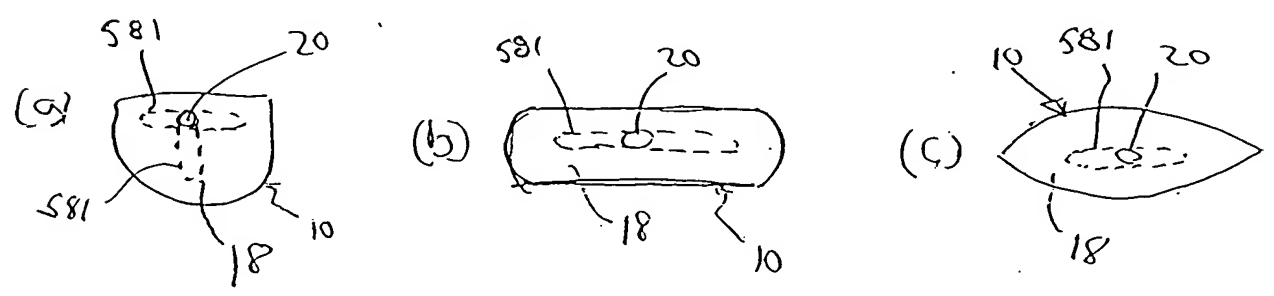


Fig. 30



cc-0653

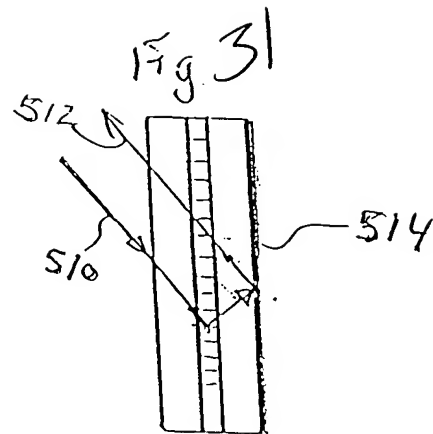


Fig. 32

